

ABSTRACT OF THE DISCLOSURE

A system and method to synchronously access structured data using the Internet platform (browser) to access, search, filter and sort remotely stored data. The system and method, called WebData viewer, includes three main parts: an interface, a communication protocol, and an intelligent server. The interface can be button driven interface, which is presented in a layered approach. The interface provides an API that can receive and call functions from outside allowing for tight integration with other web-based applications. The communication protocol uses a compressed format to maximize performance, and has a modular format to accommodate for independence between the interface and the intelligent server. The intelligent server's function is to provide the information the user requests via the interface by formatting the interface request for the database and formatting the results from the database for the interface.